

Title (en)
HYBRID MODULE

Title (de)
HYBRIDMODUL

Title (fr)
MODULE HYBRIDE

Publication
EP 3655279 A1 20200527 (DE)

Application
EP 18793168 A 20180716

Priority
• DE 102017116051 A 20170717
• DE 102017130267 A 20171218
• DE 2018100647 W 20180716

Abstract (en)
[origin: WO2019015722A1] A hybrid module for a powertrain of a motor vehicle comprises an electric machine (6), a clutch (9) and a disconnect clutch (35), wherein the disconnect clutch (35) is coupled both to a two-mass flywheel (36) and to an intermediate shaft (33), and comprises a frictionally engageable stack with a pressure plate (42), a counter pressure plate (40) and at least one intermediate plate (41), with clutch disks (43, 44) engaging therebetween, wherein the pressure plate (42), the intermediate plate (41) and the clutch disks (43, 44) are axially movable, the pressure plate (42), the intermediate plate (41) and the counter pressure plate (40) are connected to an outer disk carrier (38), the counter pressure plate (40) is firmly attached to the outer disk carrier (38), while the intermediate plate (41) and the pressure plate (42) are secured against rotation but in an axially movable manner to the outer disk carrier (38) by meshing teeth, and the outer disk carrier (38) is coupled to the two-mass flywheel (36) by meshing teeth.

IPC 8 full level
B60K 6/387 (2007.10); **B60K 6/48** (2007.10)

CPC (source: EP KR)
B60K 6/387 (2013.01 - EP KR); **B60K 6/48** (2013.01 - EP KR); **F16D 13/385** (2013.01 - KR); **F16D 13/70** (2013.01 - EP KR); **F16D 21/06** (2013.01 - KR); **F16D 25/082** (2013.01 - EP); **F16D 25/10** (2013.01 - EP); **B60K 2006/4825** (2013.01 - EP KR); **B60Y 2200/92** (2013.01 - KR); **F16D 13/385** (2013.01 - EP); **F16D 2013/703** (2013.01 - EP); **Y02T 10/62** (2013.01 - EP)

Citation (search report)
See references of WO 2019015722A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
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DE 102017130267 A1 20190117; CN 110809524 A 20200218; CN 110809524 B 20230224; DE 112018003642 A5 20200423; EP 3655279 A1 20200527; EP 3655279 B1 20220302; KR 102594448 B1 20231027; KR 20200029455 A 20200318; WO 2019015722 A1 20190124

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